|   | Index of Claims  |          |          |          |          |          |          |          |          |           |            |           |              | Application/Control No. |           |              |                 |              |          |              |         |          |          | Applicant(s)/Patent under Reexamination |            |                 |              |         |           |           |            |          |          |   |  |
|---|------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|------------|-----------|--------------|-------------------------|-----------|--------------|-----------------|--------------|----------|--------------|---------|----------|----------|---|------------|-----------------|--------------|---------|-----------|-----------|------------|----------|----------|---|--|
|   |                  |          |          |          |          |          |          | Ш        |          |           |            |           |              |                         |           | L            | 10/579,900      |              |          |              |         |          |          |   |            |                 | YANG ZHAO    |         |           |           |            |          |          |   |  |
| I FRANKI JARA REJEKORIJI FRANKI FRANK FRANK FRANK BERNI B |                  |          |          |          |          |          |          |          |          |           |            |           | Examiner     |                         |           |              |                 |              |          |              |         |          | Art Unit |   |            |                 |              |         |           |           |            |          |          |   |  |
|   |                  |          |          |          |          |          |          |          |          |           |            |           |              |                         |           |              | Irakli Kiknadze |              |          |              |         |          |          |   |            |                 | 2882         |         |           |           |            |          |          |   |  |
|   |                  |          | -        |          |          |          |          |          |          |           |            | ·         | ***          |                         |           |              |                 | 41(1)        | 131      | 13111        | 442     | <u> </u> |          |   |            | 2002            |              |         |           |           |            |          |          |   |  |
|   | (Through numeral |          |          |          |          |          |          |          |          |           |            |           |              |                         | ai)       |              | ſ               |              | M        |              |         |          | 7        | П                                       |            |                 |              |         |           |           |            |          |          |   |  |
| √   Rejected  |                  |          |          |          |          |          |          |          |          |           |            | Cancelled |              |                         |           |              | N               |              |          | Non-Elect    |         |          | ted      |   | A          | Appeal          |              |         |           |           |            |          |          |   |  |
| = Allowed ÷   |                  |          |          |          |          |          |          |          |          |           | Restricted |           |              |                         |           |              | $\exists$       | Ī            |          | l m 4        | £       |          |          |   |            |                 |              | 4       |           |           |            |          |          |   |  |
|   | - Milowed        |          |          |          |          |          |          |          |          | ÷         | Kestricted |           |              |                         | '         |              |                 | Į            | 1        | int          | em      | erer     | ice      |   | 이          | '               | Obj          | eci     | ea        |           |            |          |          |   |  |
|   | -                |          | _        |          |          |          |          |          |          |           | _          | Claim     |              |                         |           |              |                 | _            |          | <u> </u>     |         |          |          | Claim                                   |            |                 | Data         |         |           |           |            | ,        |          |   |  |
|   | Claim            |          |          | 00       | Г        | _        | Date     | e<br>    | Г        |           |            |           | Cli          |                         |           |              | Т               | 꾸            | ate      | Т            | Т       | Т        | -        | CI                                      |            |                 | Date         |         |           |           |            | Г        |          |   |  |
|   | Final            | Original | 18       | 80/10/10 | -        |          |          |          | ŀ        |           |            |           | Final        | Original                | l         | -            |                 |              |          | 1            |         |          |          | Final                                   | Original   |                 |              |         |           |           |            |          |          |   |  |
|   | Ē                | Origin   | 8        | 2        | -        |          |          |          |          |           |            |           | ΙĒ           | ğ                       |           | 1            |                 | 1            |          |              |         | İ        |          | iĒ.                                     | Ö          |                 | İ            |         |           |           |            |          |          |   |  |
|   | 4                | 1        | 1        | =        | $\vdash$ | -        | -        | ┢        | ┢        | Н         | Н          |           |              | 51                      | ┪         | +            | $\dashv$        | ┪            | $\dashv$ | $\dagger$    | +       | ╁        | ┥        | <u> </u>                                | 101        | H               | $\dashv$     | +       | +         | ╁         | ┼          | -        | H        |   |  |
|   | 2                | 2        | 1        | 1        |          |          |          |          |          |           |            |           |              | 52                      | $\exists$ |              |                 | _            | コ        | $\Box$       | 工       | Ţ        | ]        |   | 102        |                 | 工            | 1       | Γ         |           |            |          |          |   |  |
|   | 3                | 3        | 0        |          | -        | -        | -        | -        | ┝        | Н         | Н          |           | <del> </del> | 53<br>54                | +         | $\dashv$     | +               | +            | +        | +            | +       | ┿        | +        |   | 103<br>104 | $\vdash$        | -            | +-      | ╀         | ╀         | -          |          | Н        |   |  |
|   | 5                | 5        | 1        |          |          |          |          |          |          |           |            | •         |              | 55                      | 1         | 士            |                 |              |          | 土            |         |          | <u>ו</u> |   | 105        |                 | 士            | t       |           | L         |            |          |          |   |  |
|   | 6                | 6        | 1        | $\prod$  |          |          |          | L        |          |           | _          |           |              | 56<br>57                | $\dashv$  | 4            | 4               | 4            | _        | 4            | +       | ╀        | 4        |   | 106<br>107 | Н               | 4            | -       |           | -         | <b> </b> - |          |          |   |  |
|   | 8                | 7<br>8   | 0        | H        | Н        | Н        | _        | -        |          | Н         |            |           |              | 58                      | $\dashv$  | $\dashv$     | $\dashv$        | $\dashv$     | +        | +            | ╁       | ╁        | 1        |   | 108        | $\vdash$        | +            |         | ╁         | +         | ╁          |          | H        |   |  |
|   | 9                | 9        | 0        |          |          |          |          |          |          |           |            |           |              | 59                      |           |              |                 | $\Box$       |          | $\Box$       | 丁       |          | ]        |   | 109        |                 |              | 上       |           |           |            |          |          |   |  |
|   | 10               | 10<br>11 | 1        | =        |          | Н        |          |          | _        |           |            |           |              | 60<br>61                | +         | $\dashv$     | $\dashv$        | +            | $\dashv$ | +            | +       | +        | 4        |   | 110<br>111 | H               | +            | +-      | ╀         | ╀         | ┝          |          | H        | • |  |
|   |                  | 12       | -        | H        | Н        | Н        |          | H        | $\vdash$ | Н         | _          |           |              | 62                      | $\dagger$ | $\dashv$     | $\dashv$        | +            | $\dashv$ | $\dashv$     | +       | ╁        | ┧┆       |   | 112        |                 | +            |         | ╁         | $\dagger$ | 十          |          | Н        |   |  |
|   |                  | 13       |          | Г        |          |          |          |          |          |           |            |           |              | 63                      | $\Box$    | $\Box$       | $\downarrow$    | $\Box$       | $\Box$   | $\top$       | $\Box$  | Ţ        | ]        |   | 113        | П               | 1            | $\perp$ | F         |           |            |          |          |   |  |
|   |                  | 14<br>15 | -        | -        | -        | Н        |          | H        | H        |           |            |           |              | 64<br>65                | +         | +            | +               | +            | $\dashv$ | +            |         | +-       | -        |   | 114<br>115 | $\vdash$        | +            | +       | ╁         | ╁         | ├          | H        | Н        |   |  |
|   |                  | 16       |          |          |          |          |          |          |          |           |            | •         |              | 66                      | ゴ         |              |                 |              | 寸        |              | 1       | L        | ]        |   | 116        |                 | 工            |         |           |           |            |          |          |   |  |
|   |                  | 17<br>18 | _        |          | Щ        | Н        |          | _        | _        | Н         | $\dashv$   |           |              | 67<br>68                | +         | 4            | +               | +            | $\dashv$ | +            | ╬       | +-       | 4        | _                                       | 117<br>118 | $\vdash$        | +            | +       | $\vdash$  | ╀         | <u> </u>   | _        | Щ        |   |  |
|   |                  | 19       |          |          |          | $\vdash$ |          | -        | $\vdash$ | $\dashv$  | $\dashv$   |           |              | 69                      | $\dashv$  | +            | +               | $\dagger$    | $\dashv$ | +            | +       | +        | 1        |   | 119        | H               | $\pm$        | ╅       | $\dagger$ | $\dagger$ | -          |          | Н        |   |  |
|   |                  | 20       |          |          |          |          |          |          |          |           |            |           |              | 70                      | 4         | 4            | 4               | 4            |          | 7            | $\perp$ | Ţ.       | ]        |   | 120        | П               | $\perp$      |         | _         | L         |            |          |          |   |  |
|   |                  | 21       | $\vdash$ | $\vdash$ | -        | Н        | $\vdash$ | _        | -        | $\dashv$  | $\dashv$   |           |              | 71<br>72                | ╅         | $\dashv$     | +               | $\dashv$     | $\dashv$ | +            | ╁       | +        | ┥╽       |   | 121<br>122 | H               | +            | ╫       | ╁╌        | ╁         | H          | $\vdash$ | Н        |   |  |
|   |                  | 23       |          |          |          |          |          |          |          |           |            |           |              | 73                      | $\Box$    | コ            |                 | 1            | $\Box$   | 1            | $\perp$ | Ι        | 1        |   | 123        |                 | 丰            | 丰       |           |           |            |          |          |   |  |
|   |                  | 24<br>25 | _        | <u> </u> | -        | Н        | _        | _        | -        | Н         | $\dashv$   |           |              | 74<br>75                | +         | +            | +               | +            | +        | +            | +       | +-       | ┨│       |   | 124<br>125 | ┞╌┼             | - -          | +-      | ╀         | ╄         | H          | H        | Н        |   |  |
|   |                  | 26       |          |          |          |          |          |          |          |           |            |           |              | 76                      | $\top$    | $\pm$        | $\pm$           | 士            | $\top$   | 1            |         | t        | 1        |   | 126        |                 | 士            | 土       |           |           |            |          | _        |   |  |
|   |                  | 27       |          | П        |          | Щ        |          |          | L        |           |            |           |              | 77<br>78                | 7         | $\perp$      | _               | $\perp$      | _        | 1            | 4       | $\perp$  | 4        |   | 127<br>128 | $\sqcup$        | +            | 4       | $\perp$   | L         | _          |          |          |   |  |
|   |                  | 28<br>29 |          | $\vdash$ | Н        | H        |          | $\vdash$ | $\vdash$ | Н         | $\dashv$   |           |              | 79                      | ╅         | $\dashv$     | $\dashv$        | $\dashv$     | $\dashv$ | +            | ╁       | ╁        | ┨┃       |   | 129        | $\vdash$        | +            | +       | ╁         | ╁         | $\vdash$   | Н        | Н        |   |  |
|   |                  | 30       |          |          |          |          |          |          |          |           |            |           |              | 80                      |           | _            | $\Box$          | $\Box$       | $\Box$   | $\Box$       |         |          | 1        |   | 130        |                 | 1            |         |           |           |            |          |          |   |  |
|   |                  | 31<br>32 |          | Н        | Н        | Н        | Н        | -        | $\vdash$ | 4         | $\dashv$   |           |              | 81<br>82                | +         | +            | -               | +            | +        | +            |         | ╁        | ┨│       |   | 131<br>132 | $\vdash$        | +            | +       | ╀         | ╀         | $\vdash$   | Н        | Н        |   |  |
|   |                  | 33       |          |          |          |          |          |          |          |           |            |           |              | 83                      | $\exists$ | 1            | $\pm$           | 1            | $\perp$  | 1            | 士       | Ĺ        | 1        |   | 133        |                 | 士            |         |           |           | $\vdash$   |          |          |   |  |
|   |                  | 34       |          |          |          | Ш        |          |          |          |           |            |           |              | 84                      | 4         | 4            | 7               | 1            | 1        | 1            | $\perp$ | 1        | -        |   | 134<br>135 | -               | 4            | 4-      | $\vdash$  | -         | L          |          |          |   |  |
|   |                  | 35<br>36 | $\vdash$ | H        |          | Н        | Н        | $\vdash$ | Н        | $\dashv$  | $\neg$     |           |              | 85<br>86                | ╅         | $\dashv$     | +               | +            | ╅        | +            | +       | ╁        | ┨╢       |   | 136        | $\vdash$        | +            | ╁       | ╁         | ╁         | H          | Н        | Н        |   |  |
|   |                  | 37       |          |          |          | П        |          |          |          |           |            |           |              | 87                      | 丁         | 1            | 1               | $\exists$    | $\Box$   | $\downarrow$ | $\bot$  | I        | ]        |   | 137        |                 | $\perp$      | I       | $\perp$   |           |            |          |          |   |  |
|   |                  | 38<br>39 | $\vdash$ | H        |          | _        |          | <u> </u> | H        | $\dashv$  | $\dashv$   |           |              | 88<br>89                | +         | +            | +               | +            | +        | +            | +       | ╂        | -        |   | 138<br>139 | $\vdash \vdash$ | +            | +-      | ╀         | ╀         | $\vdash$   | Н        | Н        |   |  |
|   |                  | 40       |          |          |          | H        |          |          |          | $\exists$ |            |           |              | 90                      | $\perp$   | 士            | $\perp$         | 士            | $\pm$    | $\pm$        | 士       | 士        |          |   | 140        |                 | 士            | 士       | L         |           |            |          |          |   |  |
|   |                  | 41       |          |          |          |          |          |          | Ц        | $\Box$    | $\Box$     |           |              | 91                      | $\dashv$  | $\dashv$     | $\bot$          | $\dashv$     | 4        | $\bot$       | Ŧ       | L        | -        |   | 141        | П               | $\perp$      | $\bot$  | L         |           |            | П        |          |   |  |
|   |                  | 42       | ┝┤       | $\vdash$ |          | Н        | $\vdash$ | $\vdash$ | H        | $\vdash$  | $\dashv$   |           |              | 92<br>93                | +         | +            | +               | +            | +        | +            | +       | ╁        | +        |   | 142<br>143 | $\vdash \vdash$ | +            | +       | ╁         | ╁╌        | +-         | Н        | Н        |   |  |
|   |                  | 44       |          | Ц        |          |          |          | 匚        |          |           |            |           |              | 94                      | 寸         | $\downarrow$ | ightharpoonup   | ightharpoons | $\dashv$ | $\downarrow$ | 丰       | T        | ]        |   | 144        | $\square$       | $\downarrow$ | $\bot$  | L         |           |            |          | 口        |   |  |
|   |                  | 45<br>46 | H        | H        |          | $\vdash$ | $\vdash$ | -        | Н        | $\vdash$  | $\dashv$   |           | ļ            | 95<br>96                | +         | +            | +               | +            | $\dashv$ | +            | +       | +        | -        |   | 145<br>146 | $\vdash \vdash$ | +            | +       | ╁         | $\vdash$  | $\vdash$   | $\vdash$ | Н        |   |  |
|   |                  | 47       |          |          |          |          |          |          |          |           |            |           |              | 97                      | コ         | コ            | #               | $\perp$      | #        | $\downarrow$ | #       | 丰        | 1        |   | 147        | 口               | #            | 1       |           |           |            |          |          |   |  |
|   |                  | 48<br>49 | H        | Н        |          | Н        | Н        | H        | Н        | $\dashv$  | 닉          | •         |              | 98<br>99                | +         | +            | +               | +            | +        | +            | +       | ╀        | -        |   | 148<br>149 | $\vdash \vdash$ | +            | +       | +         | ╀         | $\vdash$   | H        | $\dashv$ |   |  |
|   |                  | 50       |          |          |          |          |          |          |          |           |            |           |              | 100                     | 士         | 士            | 士               | 士            | 士        | 士            | 士       | T        | ]        |   | 150        | Ц               | 士            | 士       | $\perp$   | T         |            |          | $\Box$   |   |  |